

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101118\
 Data File : BE097853.D
 Acq On : 11 Oct 2018 12:12
 Operator : SJ/JU
 Sample : SST00.857
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SST00.847

Quant Time: Oct 11 12:44:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 12:14:30 2018
 Response via : Initial Calibration

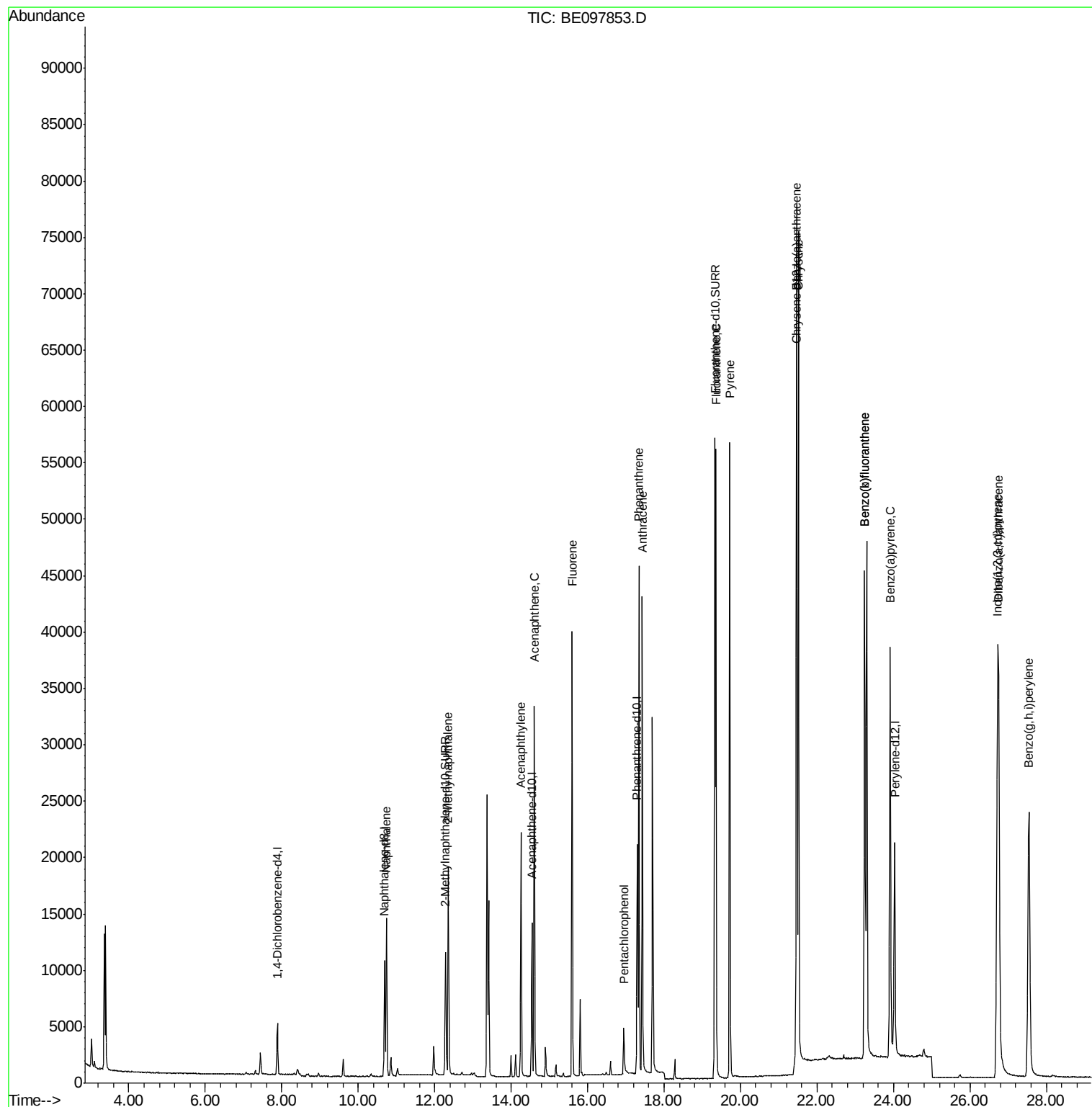
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2340	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	10869	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	8122	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	24291	0.40	ng/ul	0.00
16) Chrysene-d12	21.48	240	29387	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	28592	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	15407	0.90	ng/ul	0.00
14) Fluoranthene-d10	19.33	212	65527	0.83	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	21961	0.839	ng/ul	99
5) 2-Methylnaphthalene	12.36	142	15983	0.919	ng/ul	99
7) Acenaphthylene	14.26	152	25200	0.881	ng/ul	99
8) Acenaphthene	14.60	153	19370	0.812	ng/ul	97
9) Fluorene	15.59	166	25443	0.885	ng/ul	99
11) Pentachlorophenol	16.94	266	2486	1.121	ng/ul	96
12) Phenanthrene	17.34	178	47654	0.821	ng/ul	98
13) Anthracene	17.43	178	45119	0.916	ng/ul	99
15) Fluoranthene	19.36	202	62245	0.814	ng/ul	98
17) Pyrene	19.72	202	75984	1.052	ng/ul	98
18) Benzo(a)anthracene	21.47	228	81003	0.993	ng/ul	98
19) Chrysene	21.51	228	69159	0.879	ng/ul	99
21) Benzo(b)fluoranthene	23.24	252	63872	0.864	ng/ul	97
22) Benzo(k)fluoranthene	23.24	252	63837	0.762	ng/ul	98
23) Benzo(a)pyrene	23.91	252	61872	0.915	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.72	276	70749	0.922	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.75	278	58715	0.915	ng/ul	98
26) Benzo(g,h,i)perylene	27.54	276	61267	0.846	ng/ul	99

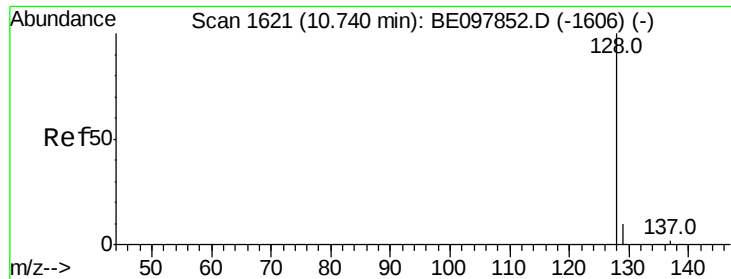
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.839 ng/ul

RT: 10.74 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BE097853.D

Acq: 11 Oct 2018 12:12

Instrument :

BNA_E

ClientSampleId :

SSTD0.847

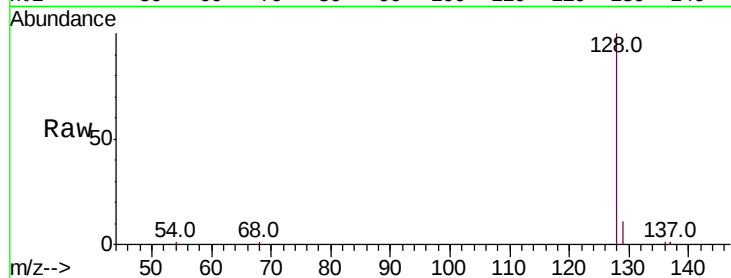
Tot Ion:128 Resp: 21961

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

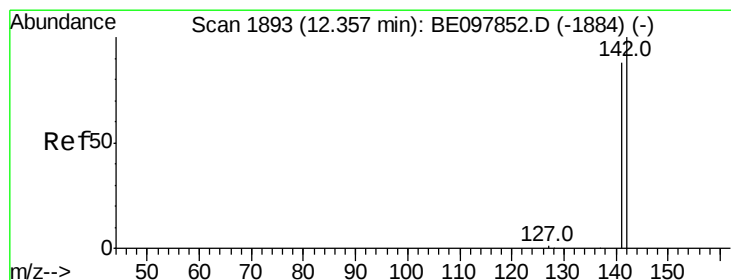
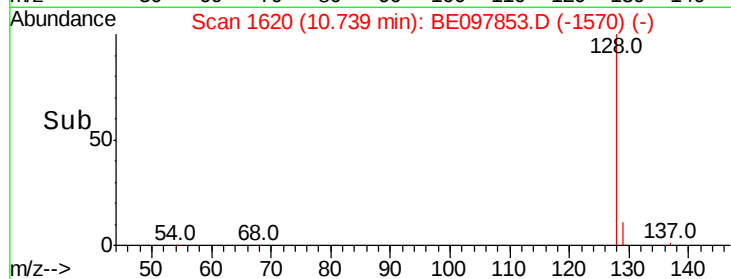
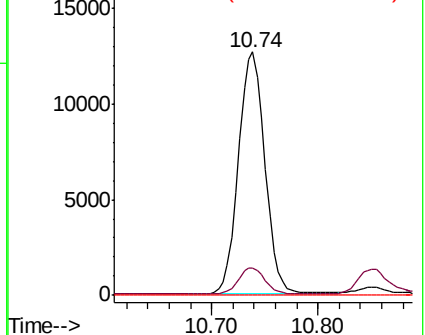
127 0.0 0.0 0.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.919 ng/ul

RT: 12.36 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BE097853.D

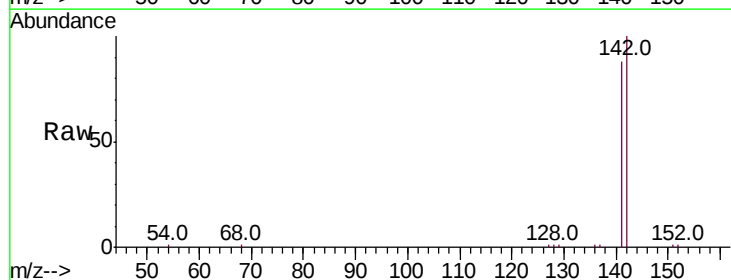
Acq: 11 Oct 2018 12:12

Tgt Ion:142 Resp: 15983

Ion Ratio Lower Upper

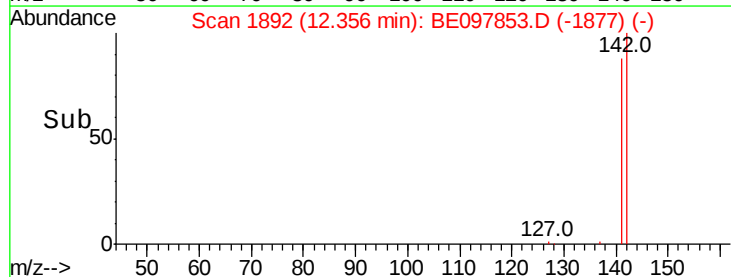
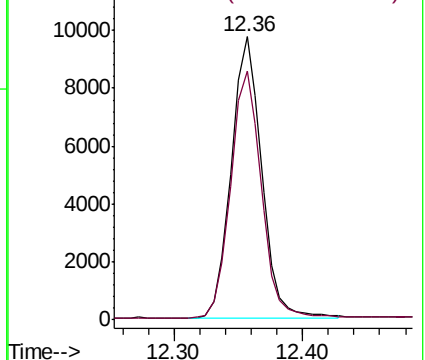
142 100

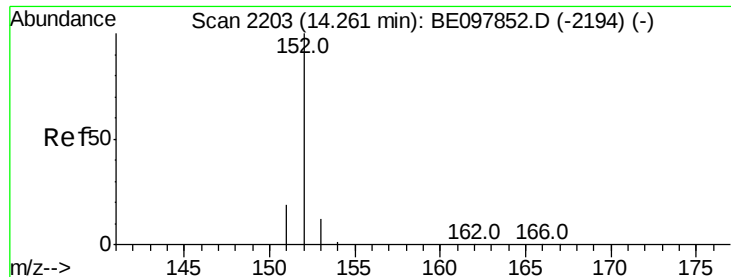
141 88.8 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.881 ng/ul

RT: 14.26 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BE097853.D

Acq: 11 Oct 2018 12:12

Instrument :

BNA_E

ClientSampleId :

SSTD0.847

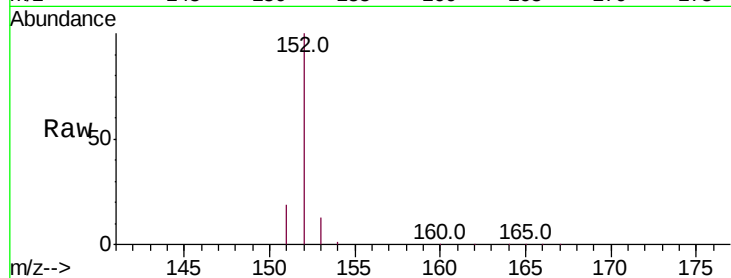
Tot Ion:152 Resp: 25200

Ion Ratio Lower Upper

152 100

151 18.9 15.0 22.6

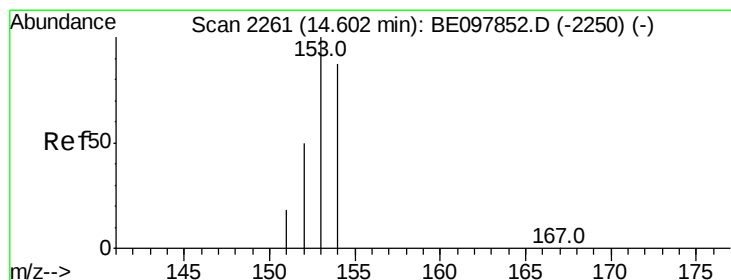
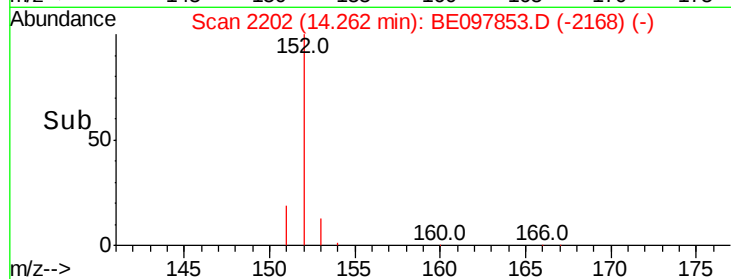
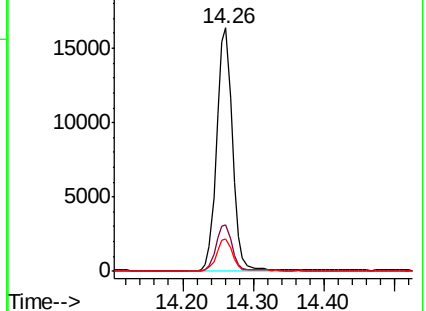
153 13.4 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.812 ng/ul

RT: 14.60 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BE097853.D

Acq: 11 Oct 2018 12:12

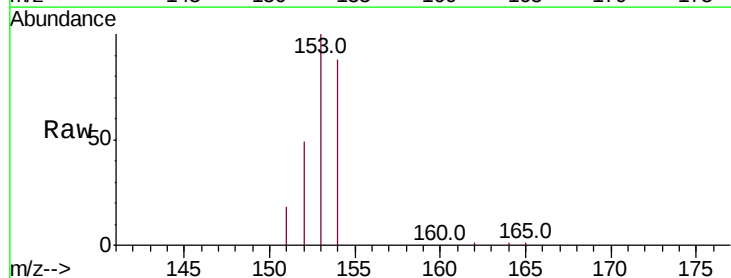
Tgt Ion:153 Resp: 19370

Ion Ratio Lower Upper

153 100

152 49.2 41.2 61.8

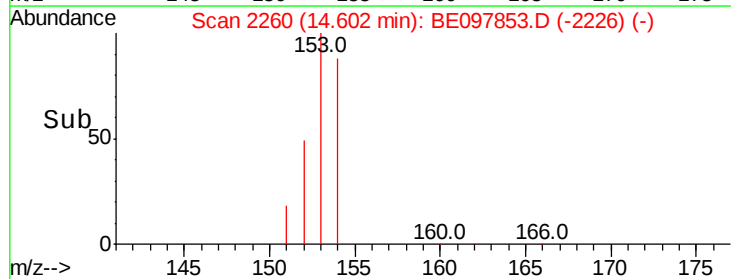
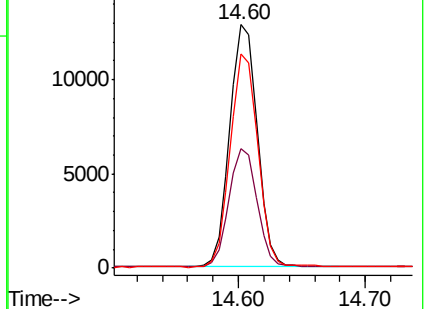
154 87.9 68.6 103.0

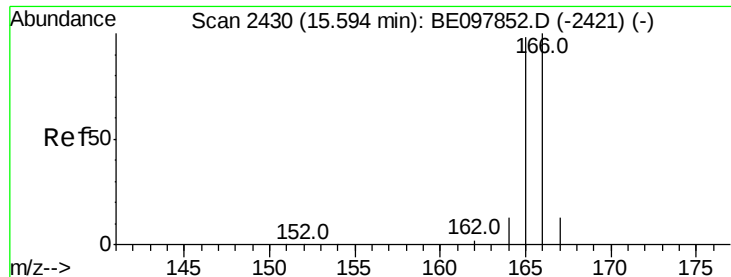


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

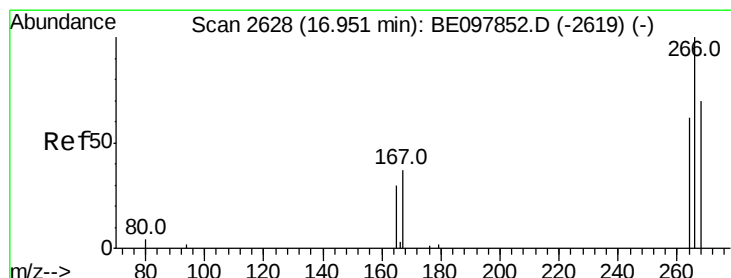
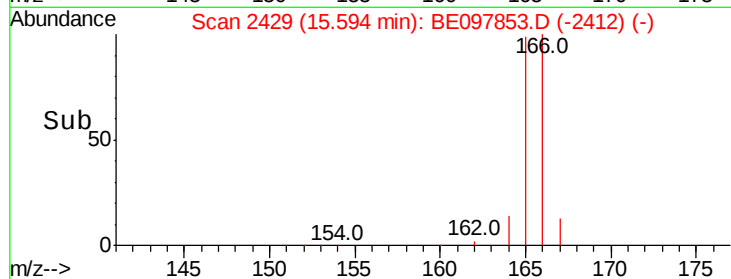
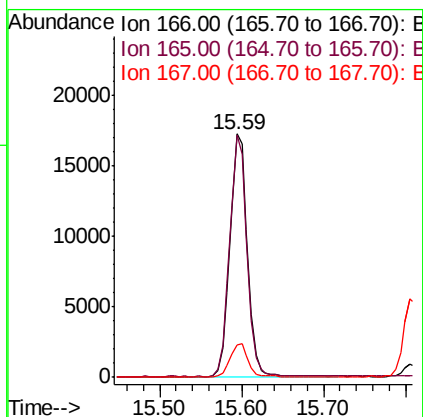
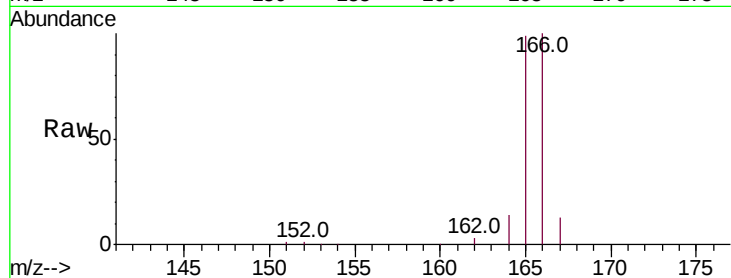




#9
Fluorene
 Concen: 0.885 ng/ul
 RT: 15.59 min Scan# 2429
 Delta R.T. 0.00 min
 Lab File: BE097853.D
 Acq: 11 Oct 2018 12:12

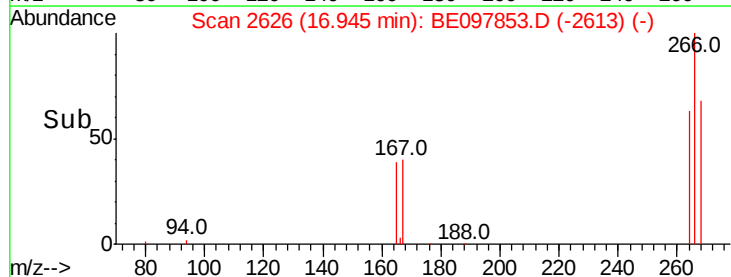
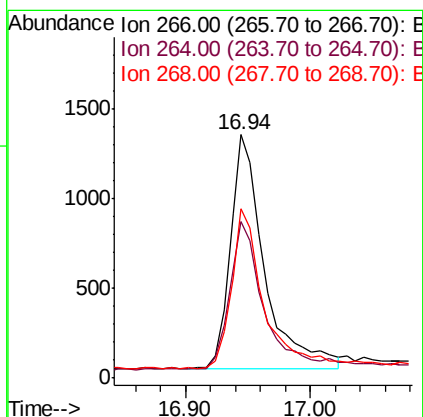
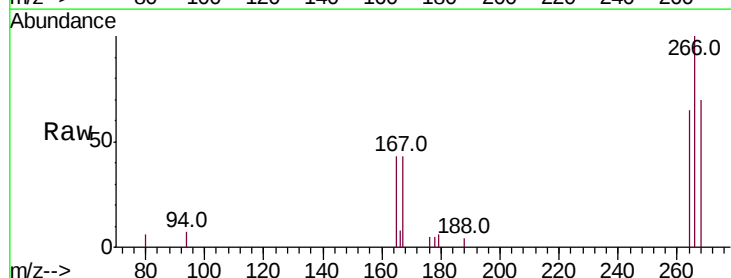
Instrument :
 BNA_E
 ClientSampleId :
 SST0.847

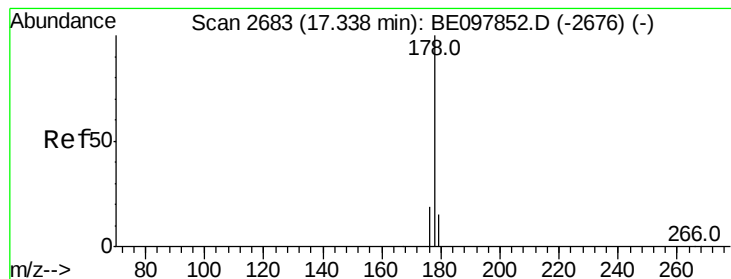
Tot Ion:166 Resp: 25443
 Ion Ratio Lower Upper
 166 100
 165 99.4 79.2 118.8
 167 13.4 11.3 16.9



#11
Pentachlorophenol
 Concen: 1.121 ng/ul
 RT: 16.94 min Scan# 2626
 Delta R.T. -0.01 min
 Lab File: BE097853.D
 Acq: 11 Oct 2018 12:12

Tgt Ion:266 Resp: 2486
 Ion Ratio Lower Upper
 266 100
 264 63.6 49.8 74.8
 268 66.0 48.4 72.6





#12

Phenanthrene

Concen: 0.821 ng/ul

RT: 17.34 min Scan# 2682

Delta R.T. 0.00 min

Lab File: BE097853.D

Acq: 11 Oct 2018 12:12

Instrument :

BNA_E

ClientSampleId :

SSTD0.847

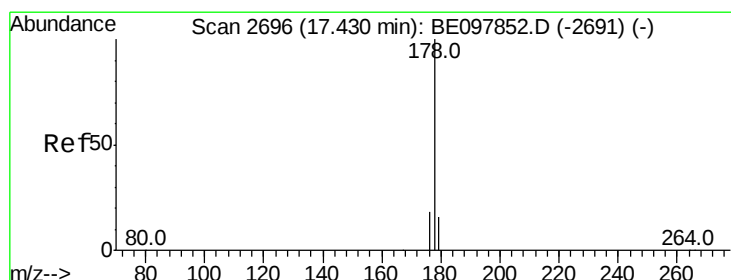
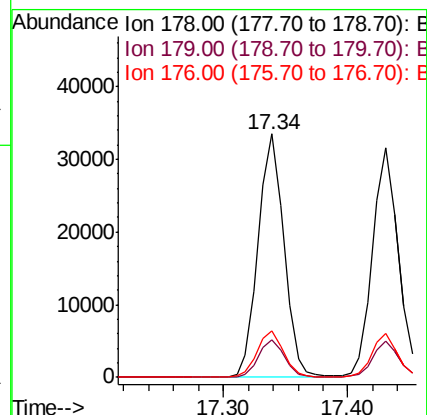
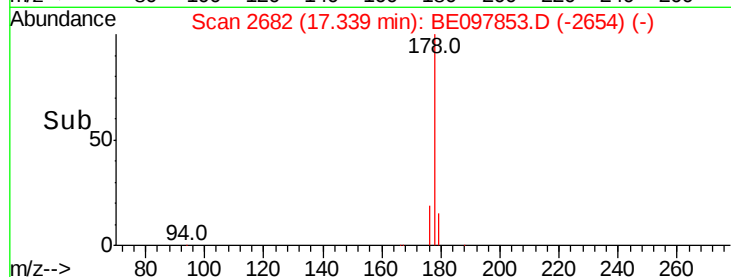
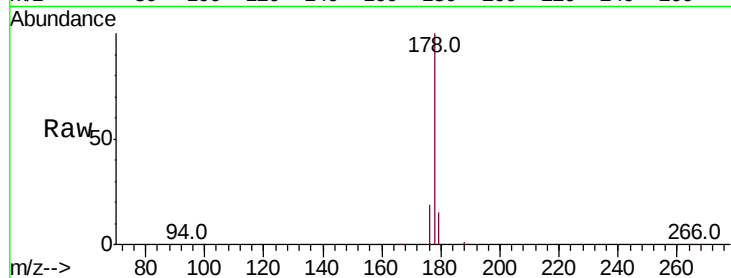
Tot Ion:178 Resp: 47654

Ion Ratio Lower Upper

178 100

179 15.2 12.8 19.2

176 19.2 14.9 22.3



#13

Anthracene

Concen: 0.916 ng/ul

RT: 17.43 min Scan# 2695

Delta R.T. 0.00 min

Lab File: BE097853.D

Acq: 11 Oct 2018 12:12

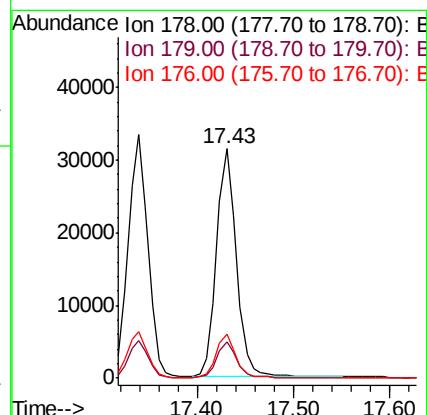
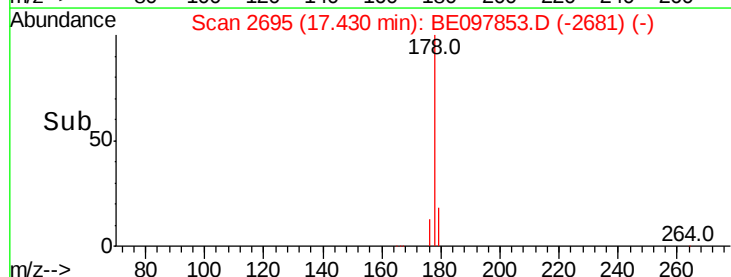
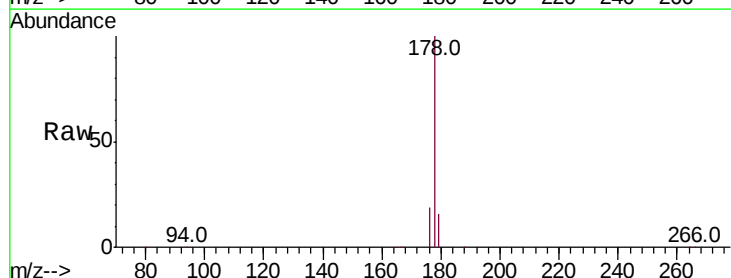
Tgt Ion:178 Resp: 45119

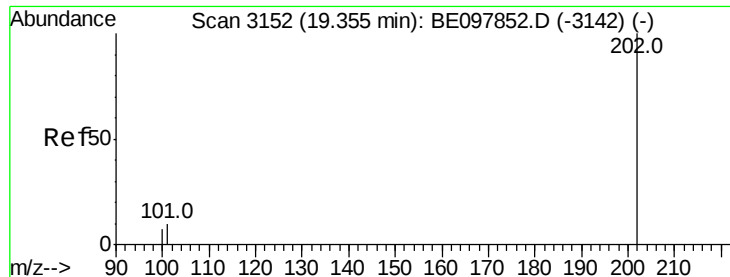
Ion Ratio Lower Upper

178 100

179 15.8 12.9 19.3

176 18.9 15.5 23.3

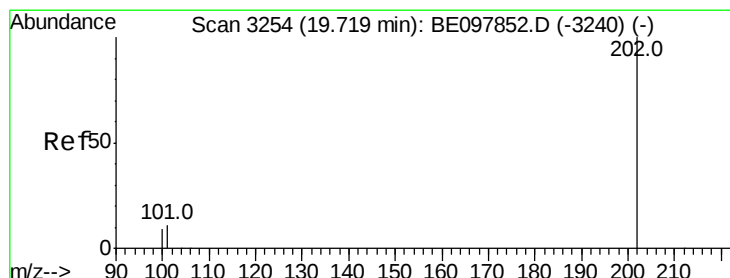
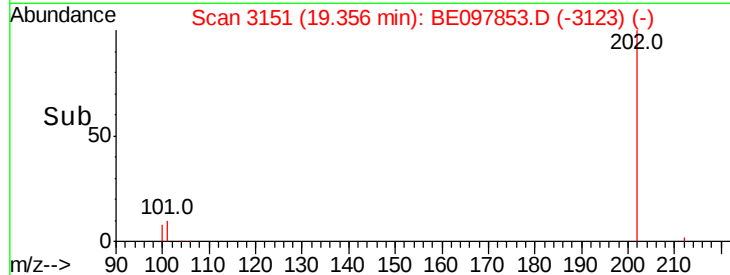
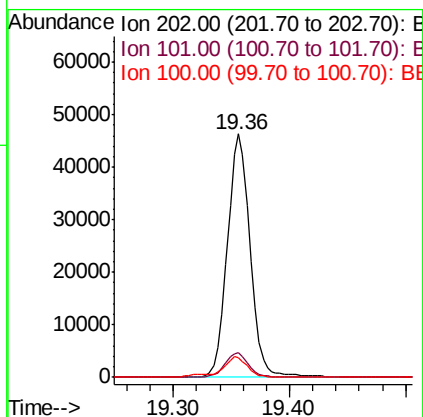
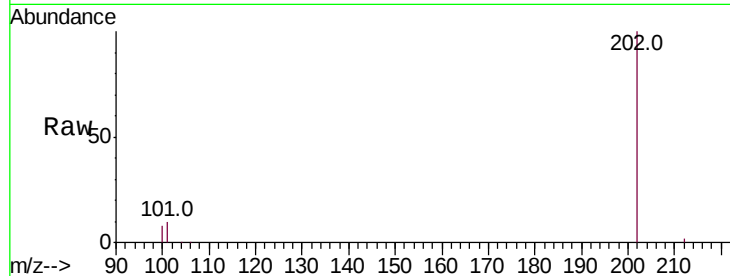




#15
Fluoranthene
 Concen: 0.814 ng/ul
 RT: 19.36 min Scan# 3151
 Delta R.T. 0.00 min
 Lab File: BE097853.D
 Acq: 11 Oct 2018 12:12

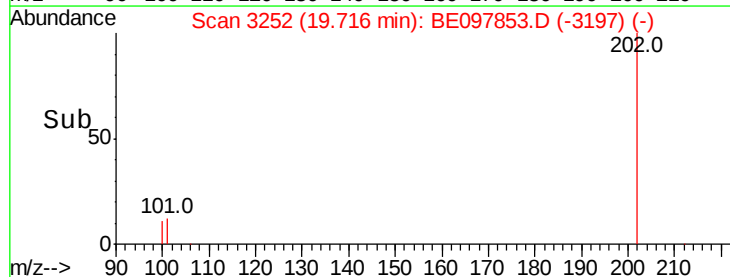
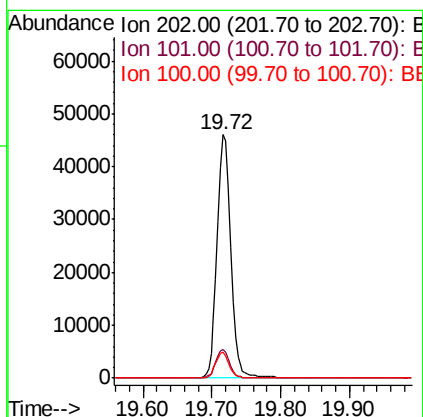
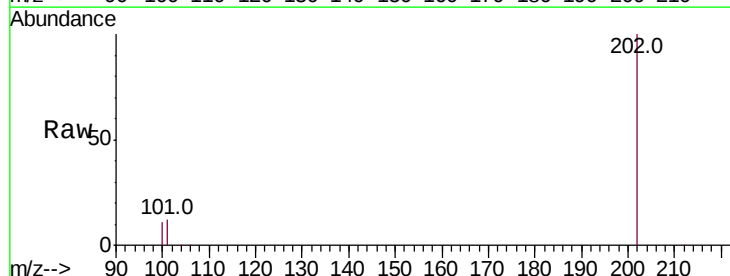
Instrument :
 BNA_E
 ClientSampleId :
 SST0.847

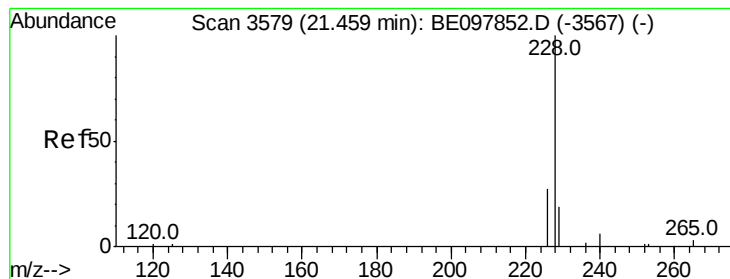
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	29.3
100	8.3	0.0	27.5



#17
Pyrene
 Concen: 1.052 ng/ul
 RT: 19.72 min Scan# 3252
 Delta R.T. -0.00 min
 Lab File: BE097853.D
 Acq: 11 Oct 2018 12:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.8	13.2
100	10.8	7.9	11.9





#18

Benzo(a)anthracene

Concen: 0.993 ng/ul

RT: 21.47 min Scan# 3580

Delta R.T. 0.01 min

Lab File: BE097853.D

Acq: 11 Oct 2018 12:12

Instrument :

BNA_E

ClientSampleId :

SSTD0.847

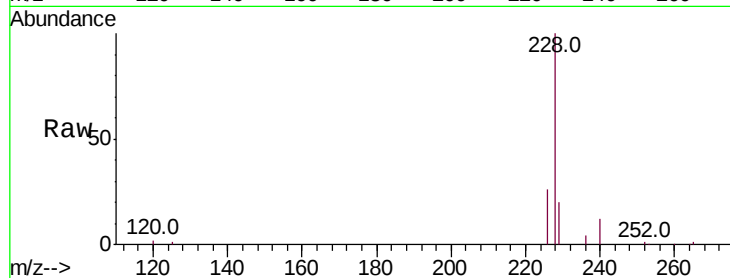
Tot Ion:228 Resp: 81003

Ion Ratio Lower Upper

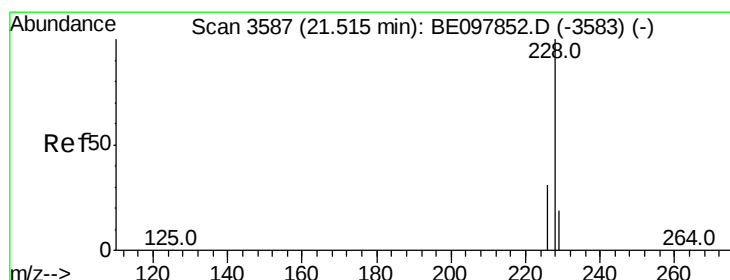
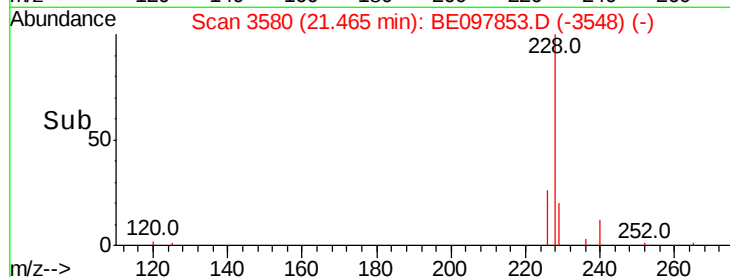
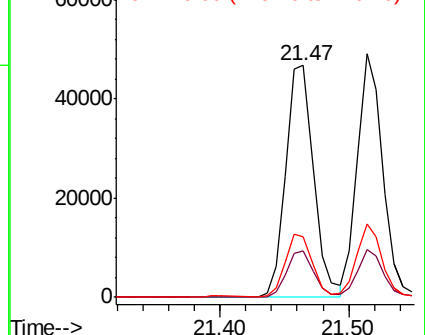
228 100

229 19.8 16.4 24.6

226 25.9 21.5 32.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 0.879 ng/ul

RT: 21.51 min Scan# 3587

Delta R.T. -0.00 min

Lab File: BE097853.D

Acq: 11 Oct 2018 12:12

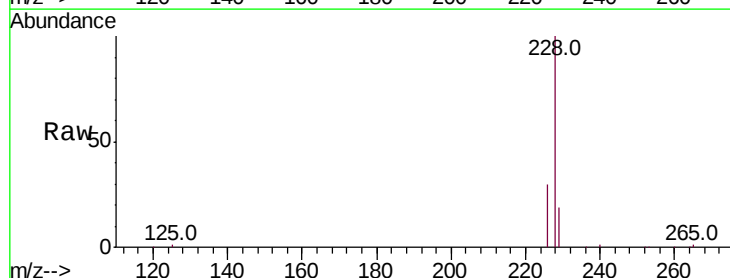
Tgt Ion:228 Resp: 69159

Ion Ratio Lower Upper

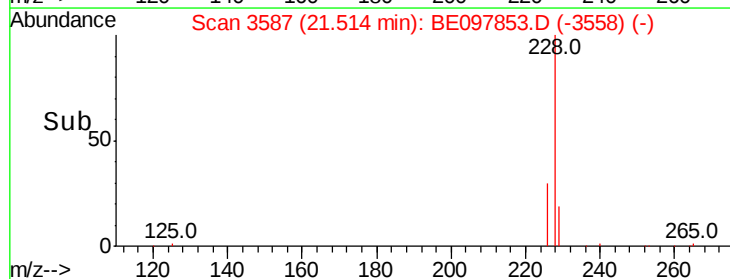
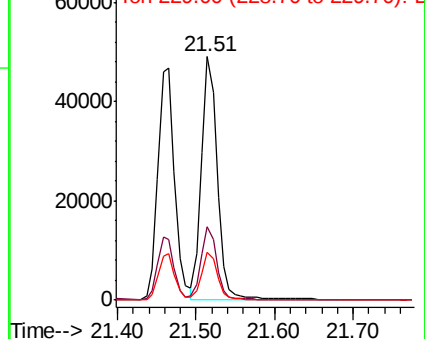
228 100

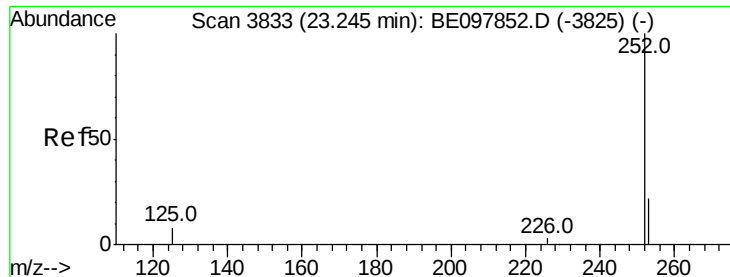
226 30.0 23.0 34.4

229 19.5 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.864 ng/ul

RT: 23.24 min Scan# 3833

Delta R.T. -0.00 min

Lab File: BE097853.D

Acq: 11 Oct 2018 12:12

Instrument :

BNA_E

ClientSampleId :

SSTD0.847

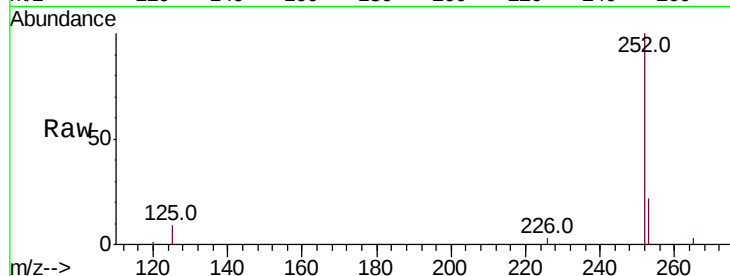
Tot Ion:252 Resp: 63872

Ion Ratio Lower Upper

252 100

253 21.9 0.0 47.0

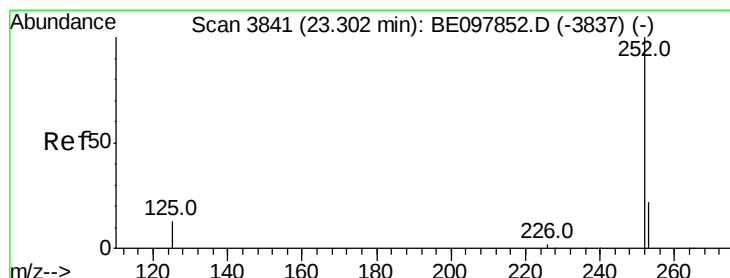
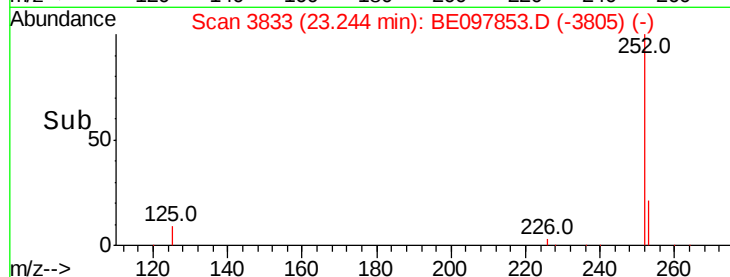
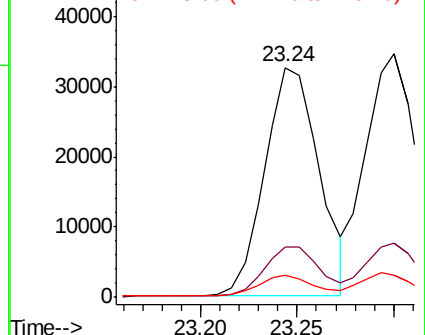
125 9.5 0.0 18.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 0.762 ng/ul

RT: 23.24 min Scan# 3833

Delta R.T. -0.06 min

Lab File: BE097853.D

Acq: 11 Oct 2018 12:12

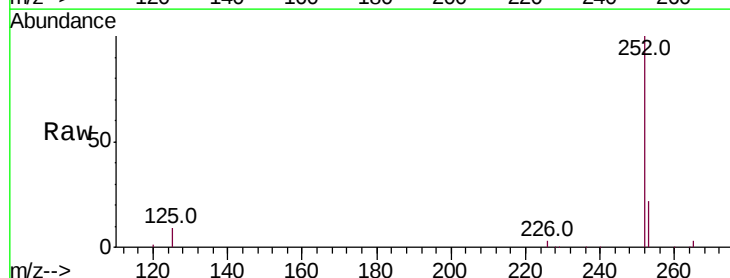
Tgt Ion:252 Resp: 63837

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

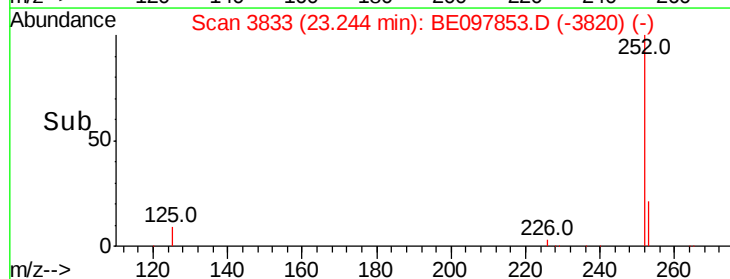
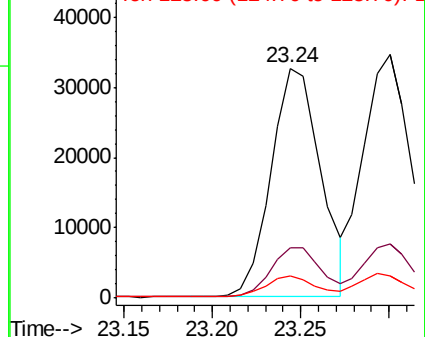
125 9.5 9.4 14.0

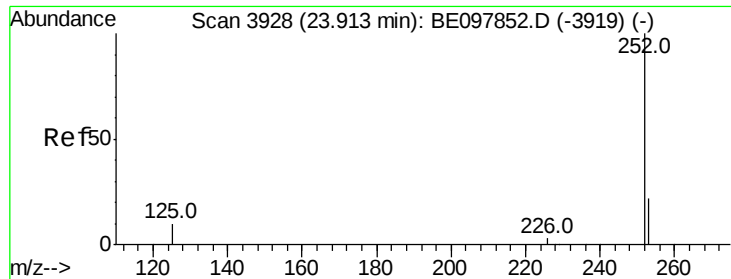


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.915 ng/ul

RT: 23.91 min Scan# 3928

Delta R.T. -0.00 min

Lab File: BE097853.D

Acq: 11 Oct 2018 12:12

Instrument :

BNA_E

ClientSampleId :

SSTD0.847

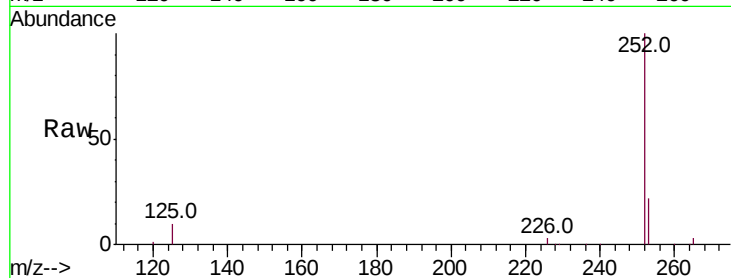
Tot Ion:252 Resp: 61872

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

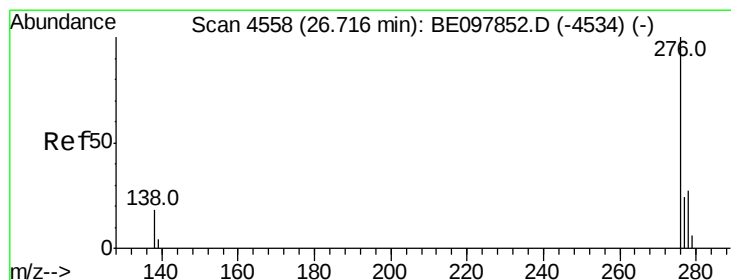
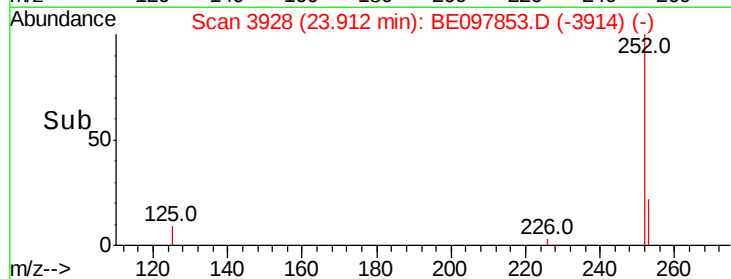
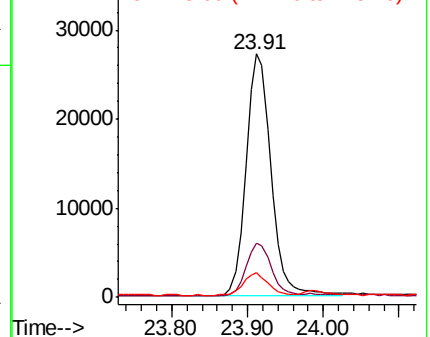
125 10.1 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.922 ng/ul

RT: 26.72 min Scan# 4559

Delta R.T. 0.00 min

Lab File: BE097853.D

Acq: 11 Oct 2018 12:12

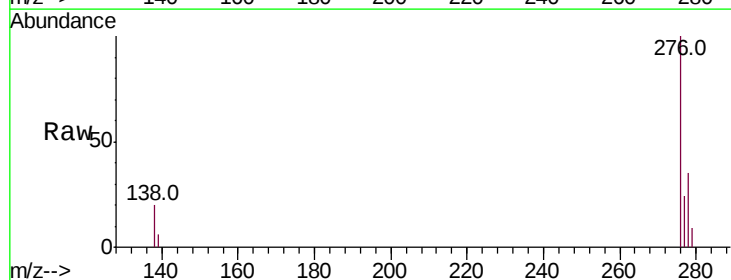
Tgt Ion:276 Resp: 70749

Ion Ratio Lower Upper

276 100

138 21.5 0.0 0.0#

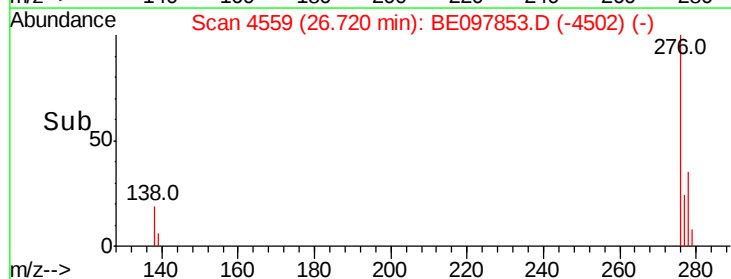
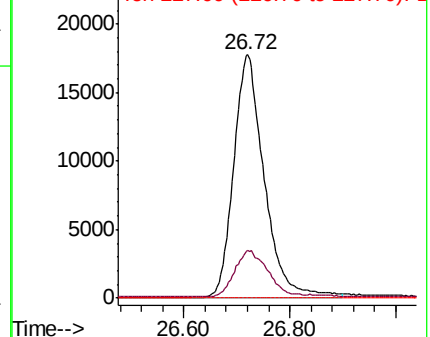
227 0.0 0.0 0.0

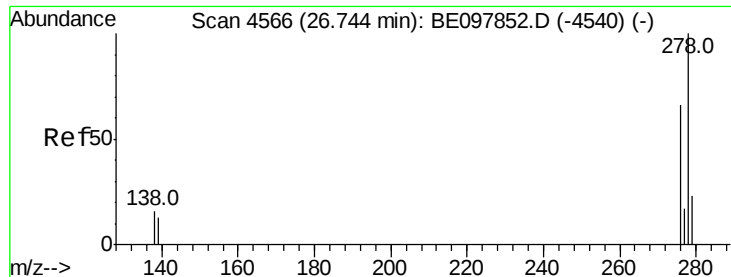


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



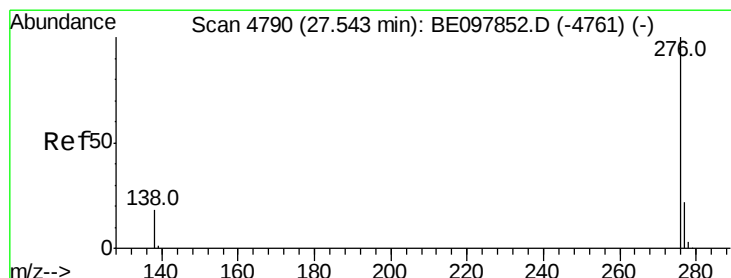
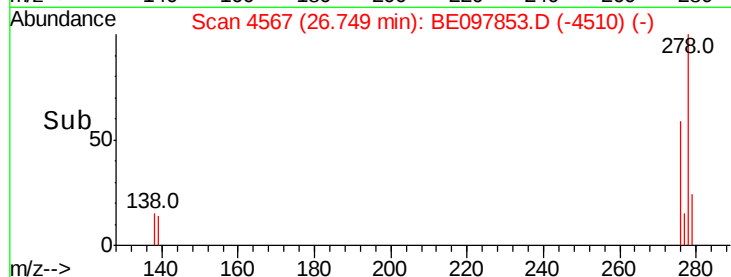
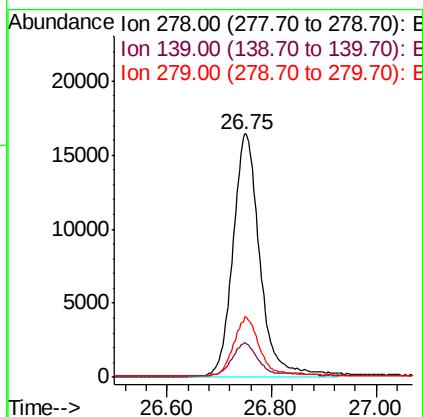
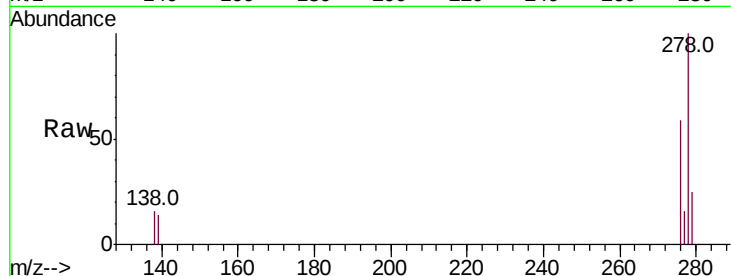


#25
Dibenzo(a,h)anthracene
Concen: 0.915 ng/ul
RT: 26.75 min Scan# 4567
Delta R.T. 0.00 min
Lab File: BE097853.D
Acq: 11 Oct 2018 12:12

Instrument :
BNA_E
ClientSampleId :
SSTD0.847

Tot Ion:278 Resp: 58715

Ion	Ratio	Lower	Upper
278	100		
139	14.1	10.9	16.3
279	24.8	18.8	28.2



#26
Benzo(g,h,i)perylene
Concen: 0.846 ng/ul
RT: 27.54 min Scan# 4790
Delta R.T. 0.00 min
Lab File: BE097853.D
Acq: 11 Oct 2018 12:12

Tgt Ion:276 Resp: 61267

Ion	Ratio	Lower	Upper
276	100		
138	18.3	14.3	21.5
277	23.8	19.5	29.3

